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BULLETIN OF PURDUE UNIVERSITY

SUPPLEMENT.

AUG 13 1901

# SELECTED VIEWS of PURDUE UNIVERSITY

Volume One

Number Four

MARCH.

Nineteen Hundred One.

PUBLISHED BY PURDUE UNIVERSITY, AT LAFAYETTE, IND.
IN OCTOBER, NOVEMBER, FEBRUARY, MARCH, APRIL.
ENTERED AT THE POSTOFFICE AT LAFAYETTE, INDIANA,
AS SECOND CLASS MATTER.

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N RECENT YEARS educational institutions have taken on new forms and aspects. The phrase "academic halls" no longer indicates the material equipment of a college or a university One hears also of "laboratories" and "apparatus." The abstract has yielded a place to the concrete and practical. The scientific spirit is prevalent, and student life has acquired a more tangible setting than ever before.

In response to the demands of modern progress for training in science and technology, there have appeared institutions, of which Purdue University is a type, devoted to training young men and women in the theory and applications of science to engineering, agriculture and the professions.

The views which are presented on the following pages reveal some of the material aspects as well as certain phases of student work and play in this, the largest purely scientific and technical institution in the west. The departments partially represented are: *Mechanical Engineering, Civil Engineering, Electrical Engineering, General Science, Agriculture and Pharmacy.* The corresponding courses of study and equipment are described in the Annual Announcement, which will be sent to any address upon application to

THE PRESIDENT OF PURDUE UNIVERSITY, LaFayette, Ind.

ONE of the prominent buildings upon the campus is that containing the class rooms and laboratories of Physics and Electrical Engineering.

SCIENCE HALL is the name given to the building containing the departments of Chemistry and Biology.

THE offices of the University, the library, chapel, recitation rooms for general studies, and halls of the students' literary societies, occupy the "Main Building."

FIFTY ACRES of well-kept lawns surround the University buildings and constitute the "Campus" Many pleasing views greet the eyes of the student as he goes to and from his duties, and the influence of such surroundings is of no small value in developing taste and character.

PURDUE HALL contains recitation rooms for Mathematics and German.

THE United States co-operates with Purdue University in maintaining the Agricultural Experiment Station of Indiana, with experimental fields and green-houses, and laboratories of research.

THE most conspicuous structure on the campus is the Engineering Building. From the tall clock-tower a peal of bells announces the hours. Over an acre of floor-space in this building is occupied by the various class-rooms, laboratories, shops and designing rooms of the engineering schools. The array of engines, apparatus and machines in this building furnishes a good idea of the demands of a technical education.

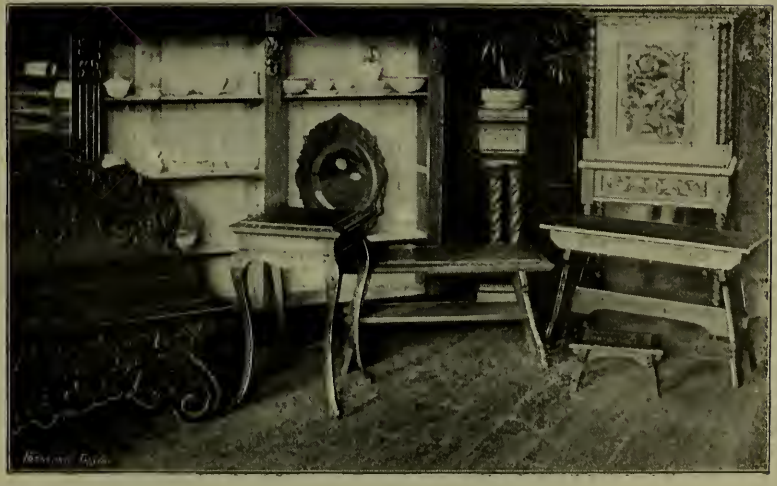
THE School of Pharmacy occupies its own laboratory for the study of chemistry-pharmacy, the manufacture and dispensing of medicines, and all of the operations performed by the well-trained apothecary.

THE students of mechanical engineering must devote much attention to the important subject of machine design, for which work an ample and beautiful room is provided.

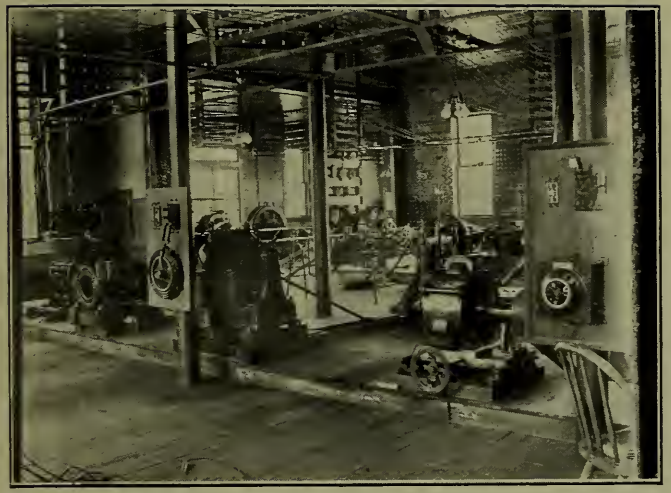
In the laboratories are no less than forty steam cylinders, aggregating many types of steam engines, together with many other forms of mechanical apparatus.

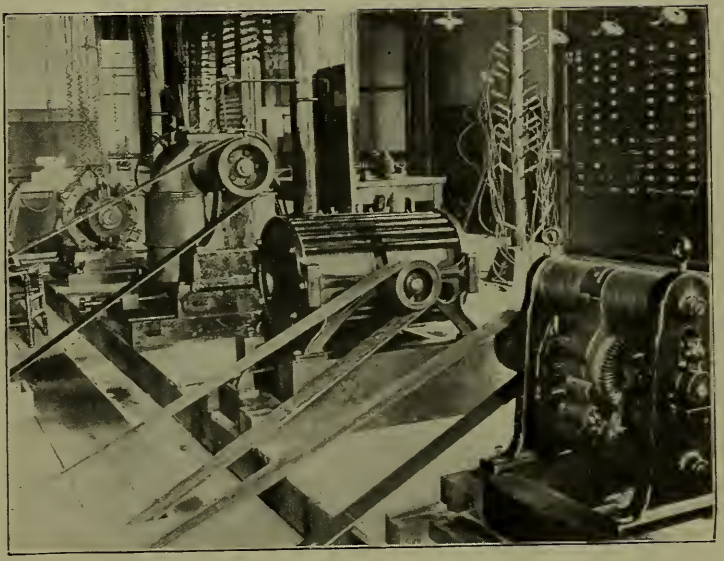
THEORY and practice go hand in hand in the properly balanced scientific curriculum. The student of civil engineering, for instance, is confronted in the class-room by difficult problems, and also is trained in the practical use of the instruments in the field.

NOT all the work of the Purdue students is marked by strict adherence to the demands of science. The young ladies in the studios of industrial art, achieve results which make the annual exhibit of this department the artistic event of the year.



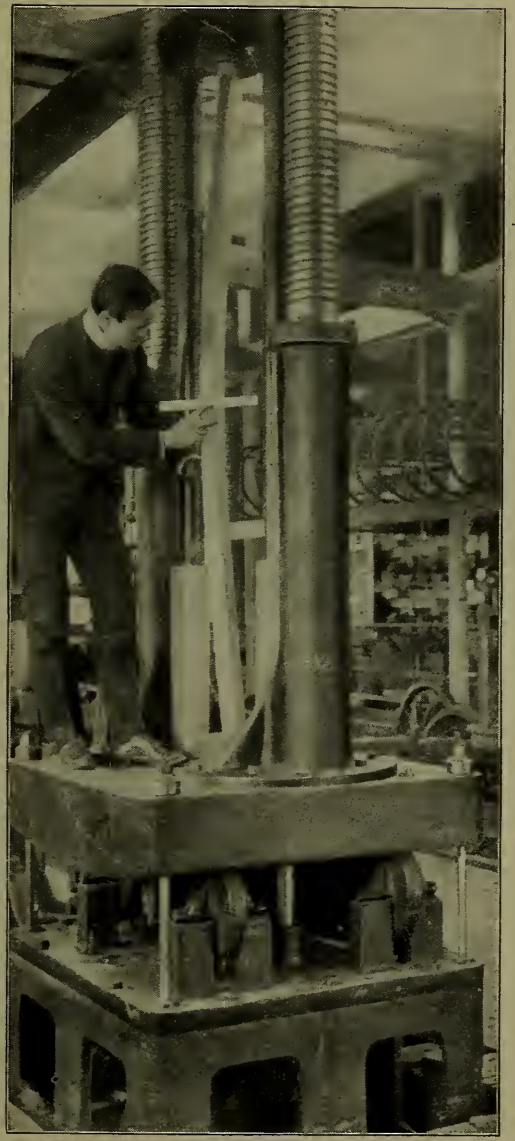
TRAINING in electrical engineering involves both theoretical and practical study. For the latter purpose the laboratories are equipped with all of the modern forms of electrical machinery as well as special apparatus for research and experimentation.

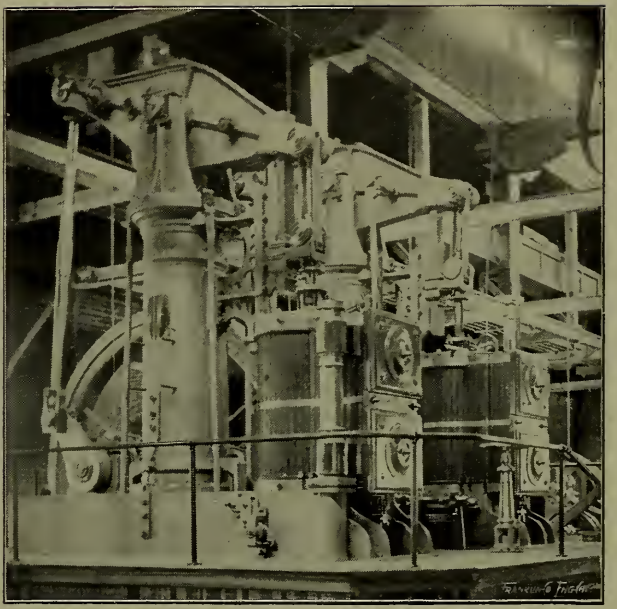




SCIENTIFIC AGRICULTURE is based upon the systematic study of all the forces, agencies and materials with which a practical farmer has to deal,

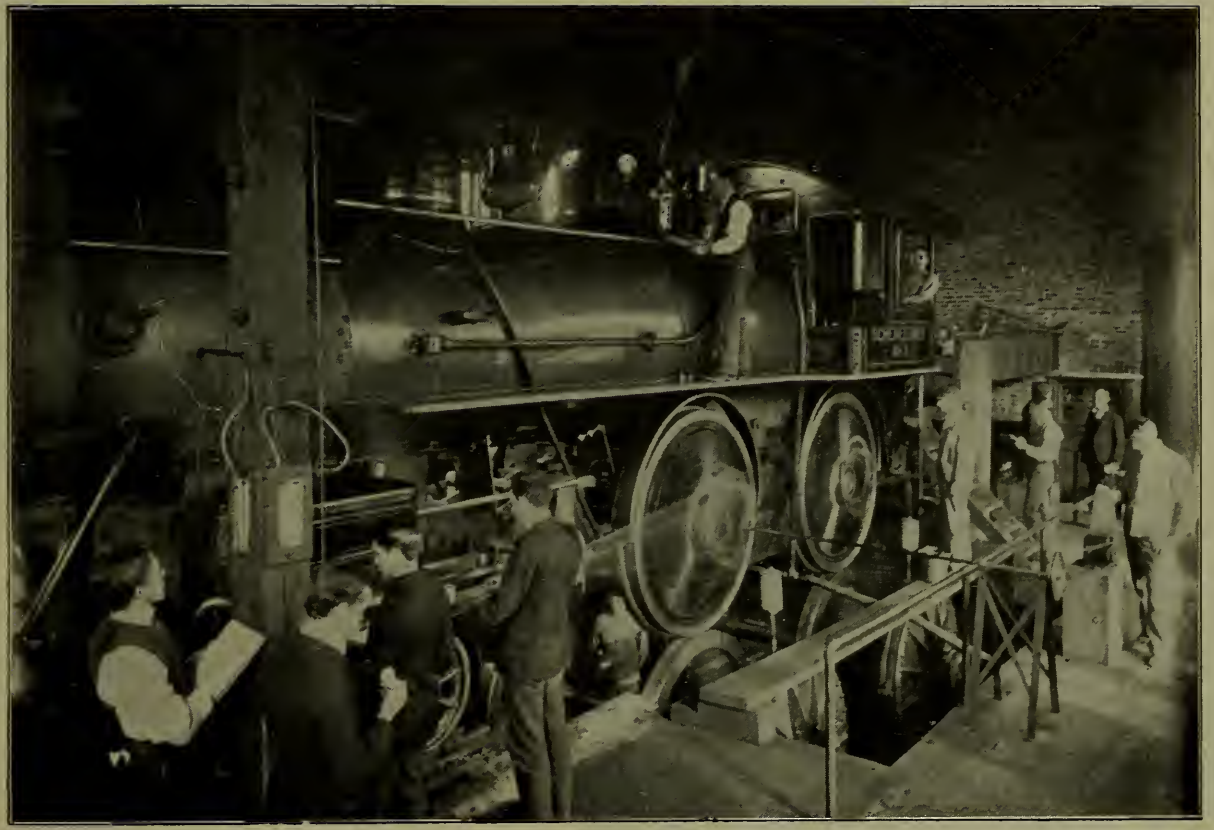
THE design and operation of pumping machinery, and the determination of the strength of materials, are important factors in the training of the engineer.





THE performance or chemical experiments, and the study of plants and animals, have much of interest and contribute something to the growth of every intelligent mind.

THE locomotive is admired and regarded with interest by everyone. A locomotive mounted and in use as a piece of laboratory apparatus was an idea first conceived and carried out at Purdue University. The illustration shows the third of a series of machines of this sort which have been installed and operated in the University laboratories. The purpose of this apparatus is to enable students to study more carefully this type of steam motors, and to test it as thoroughly as is possible with a stationary engine. In the illustration, a class of students is carrying on a test of several hours duration while the locomotive is operated continuously at a speed of fifty miles per hour.



COLLEGE life is diversified and enriched by numerous student organizations. Among these the Y. M. C. A. is especially helpful to new students, and the association home is a center of right influence. The athletic association, literary societies, musical organizations, fraternities and scientific societies, all have their proper part in the students routine of work and recreation,

A PLAY DAY is good for old and young, and athletic sports are the most popular recreation of college men. Gymnasium classes in the winter and field sports in summer, with occasionally a gala day, when the crowds congregate to witness some friendly contest, add to the healthfulness and zest of life at Purdue University.

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